

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038769.D
 Acq On : 10 Jun 2020 11:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK44

Quant Time: Jun 11 00:53:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 00:28:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	569139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	556694	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	258550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	204288	64.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	128.50%
7) Chloroethane-d5	1.93	69	165098	66.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	133.86%#
11) 1,1-Dichloroethene-d2	2.59	63	316230	45.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.26%
21) 2-Butanone-d5	4.66	46	354643	114.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.64%
24) Chloroform-d	5.10	84	381764	55.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.36%
26) 1,2-Dichloroethane-d4	5.74	65	263187	57.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.84%
32) Benzene-d6	5.76	84	789462	58.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.74%
36) 1,2-Dichloropropane-d6	6.72	67	234583	56.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.52%
41) Toluene-d8	7.92	98	683115	56.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.74%
43) trans-1,3-Dichloropropene-	8.20	79	112584	54.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.22%
47) 2-Hexanone-d5	8.66	63	258091	117.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.32%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	332458	53.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.86%
64) 1,2-Dichlorobenzene-d4	12.21	152	266117	59.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.56%

Target Compounds

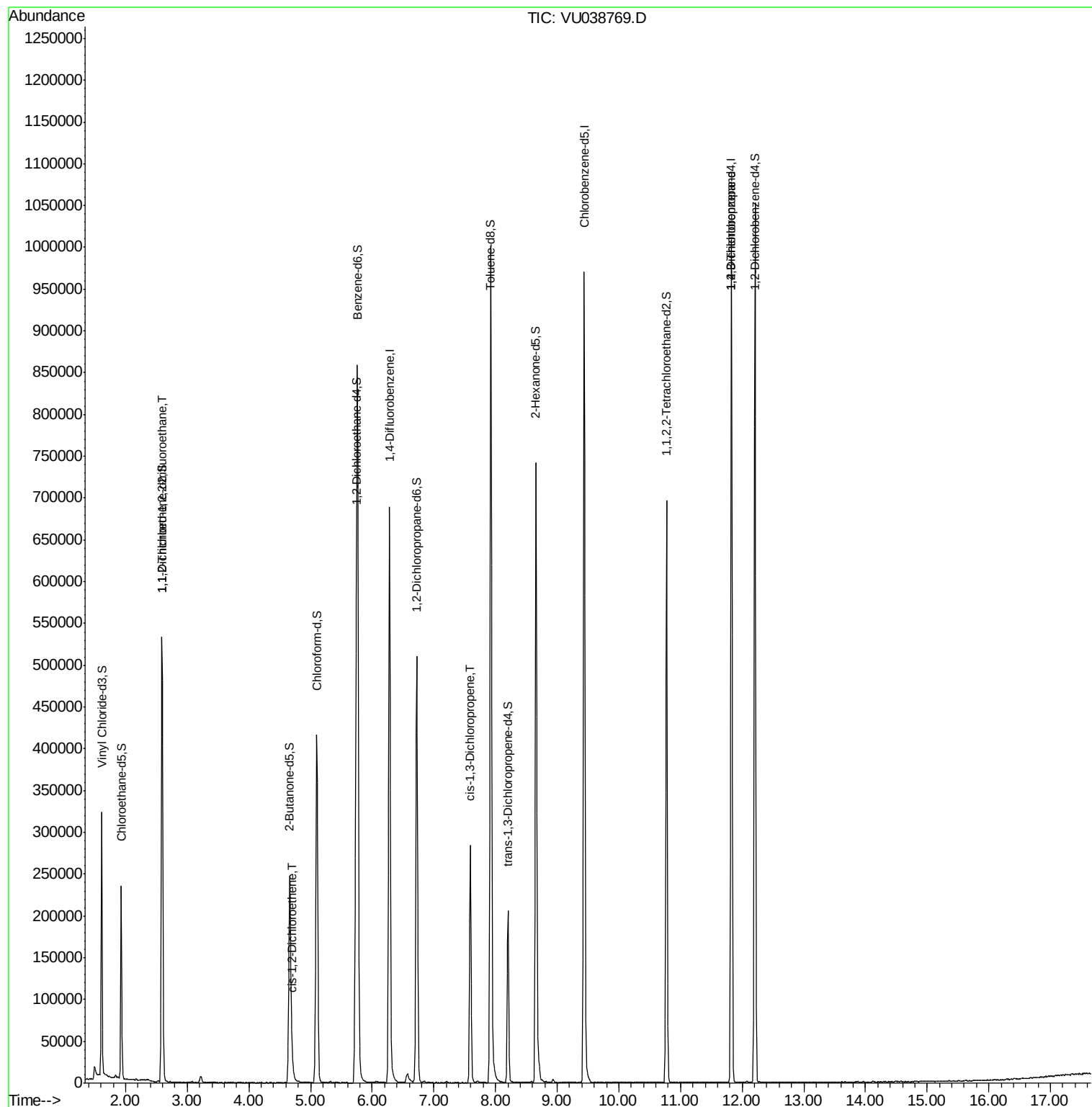
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3118	0.853 ug/L #	21
20) cis-1,2-Dichloroethene	4.71	96	5297	1.216 ug/L	97
39) cis-1,3-Dichloropropene	7.59	75	6731	1.013 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	32427	5.369 ug/L #	88

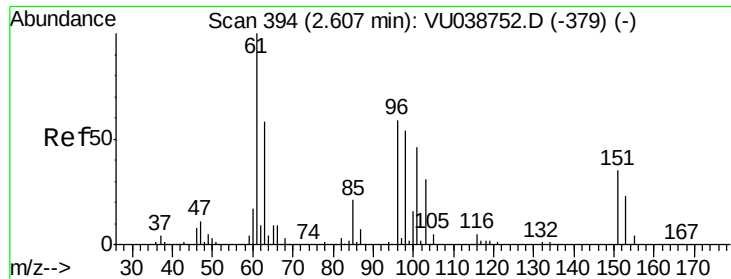
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.853 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

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VIBLK44

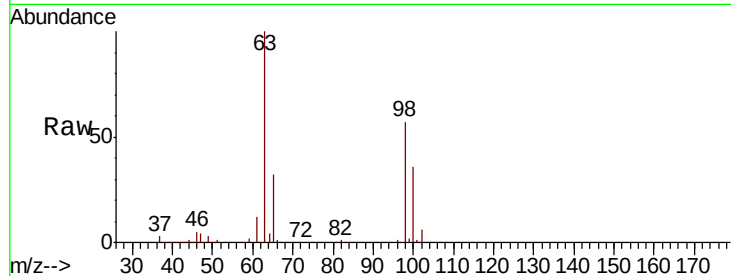
Tot Ion:101 Resp: 3118

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

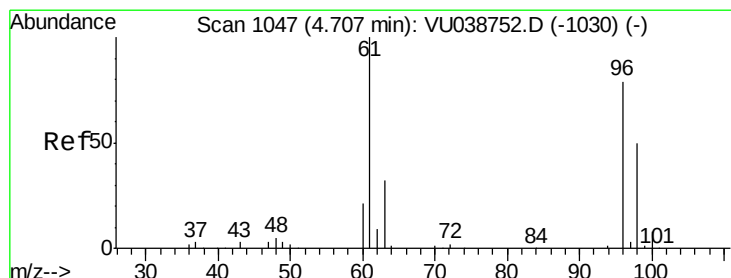
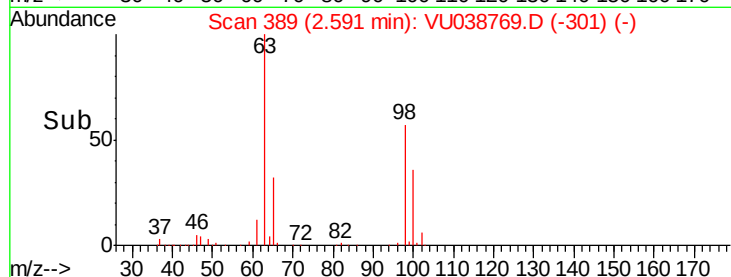
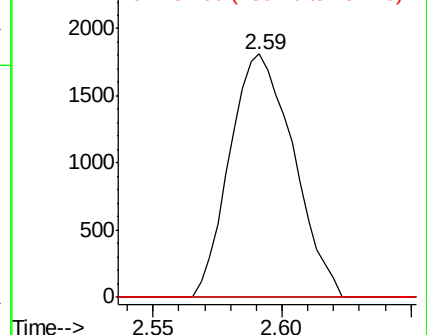
151 0.0 57.4 86.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#20

cis-1,2-Dichloroethene

Concen: 1.216 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038769.D

Acq: 10 Jun 2020 11:07

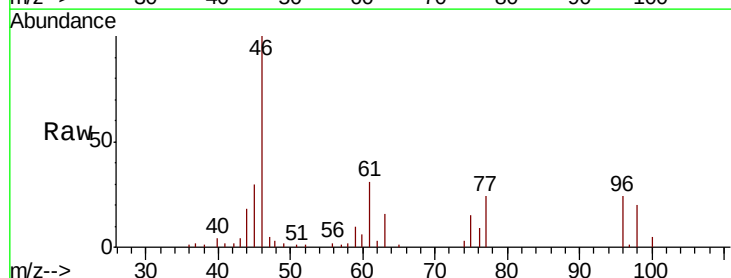
Tgt Ion: 96 Resp: 5297

Ion Ratio Lower Upper

96 100

61 131.1 89.5 166.1

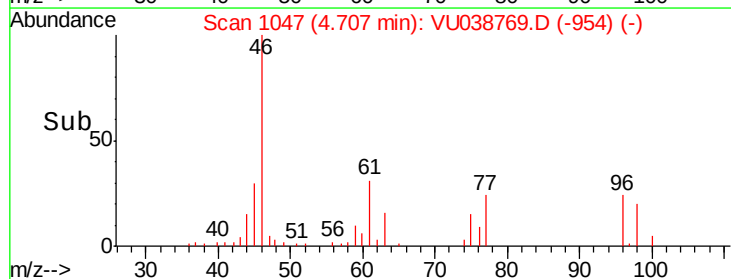
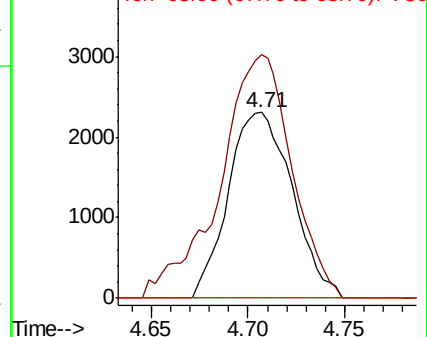
68 0.0 0.0 0.0

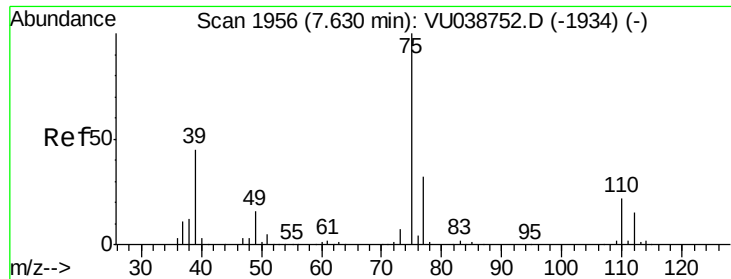


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

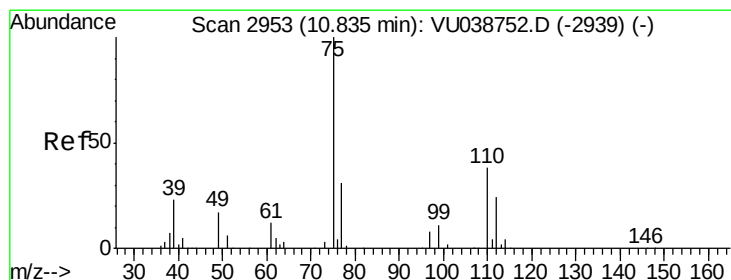
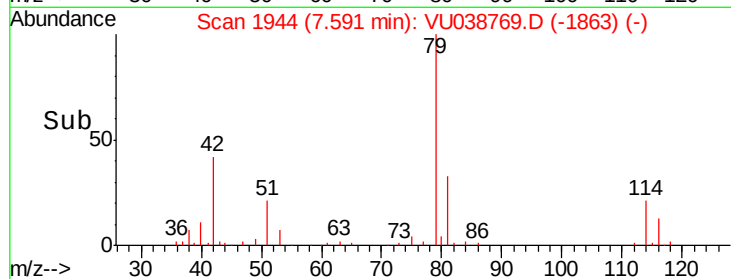
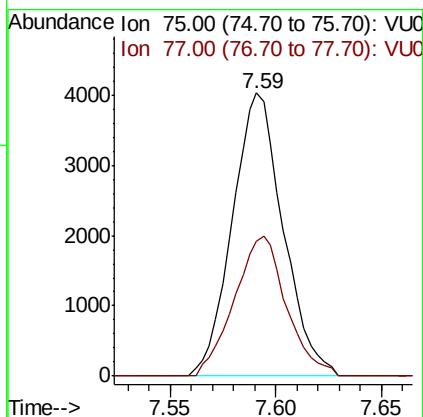
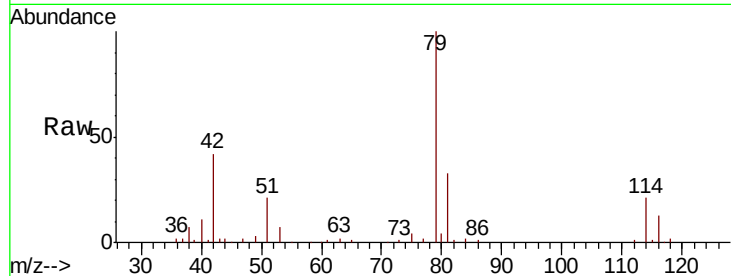




#39
 cis-1,3-Dichloropropene
 Concen: 1.013 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
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Tot Ion: 75 Resp: 6731
 Ion Ratio Lower Upper
 75 100
 77 47.7 22.2 41.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.369 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038769.D
 Acq: 10 Jun 2020 11:07

Tgt Ion: 75 Resp: 32427
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.3 37.9#

